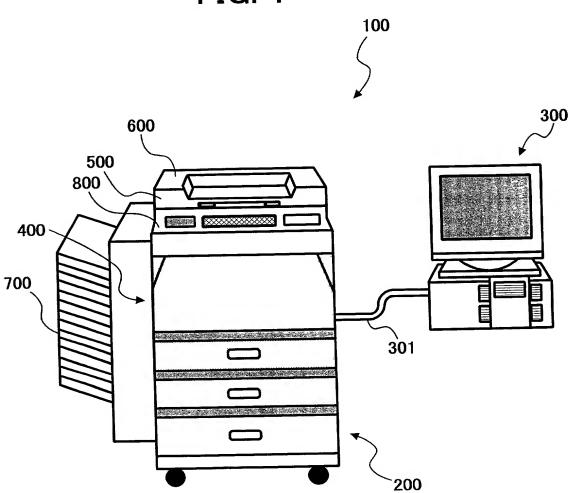
OBLON, SPIVAK, ET AL DOCKET #: 217822US-2

INV: TETSUO YAMANAKA ET AL

SHEET 1_ OF_22_

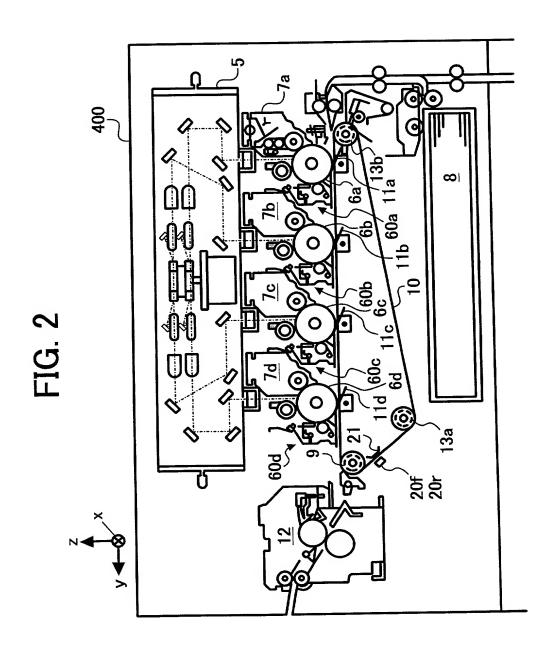
FIG. 1



OBLON, SPIVAK, ET AL DOCKET #: 217822US-2 INV: TETSUO YAMANAKA ET AL

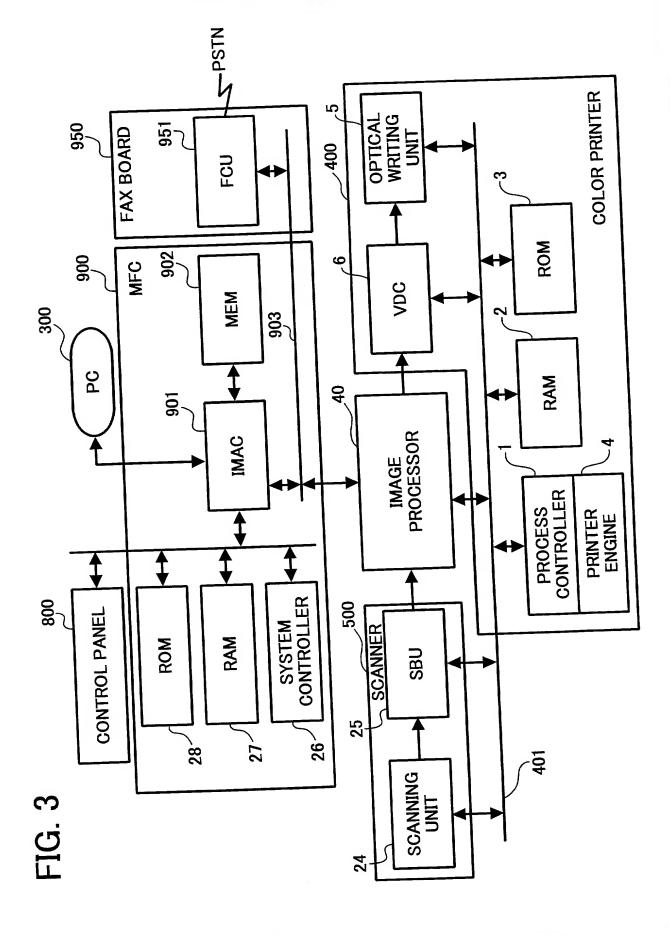
SHEET 2 OF 22





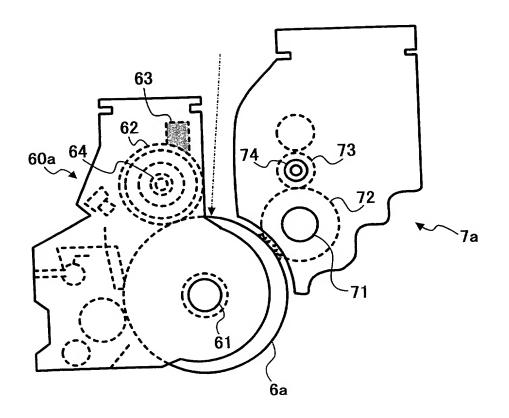
OBLON, SPIVAK, ET AL DOCKET #: 217822US-2 INV: TETSUO YAMANAKA ET AL

SHEET 3 OF 22



OBLON, SPIVAK, ET AL DOCKET #: 217822US-2 INV: TETSUO YAMANAKA ET AL SHEET 4_ OF_22_

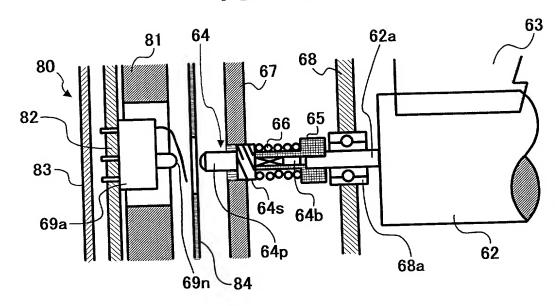
FIG. 4

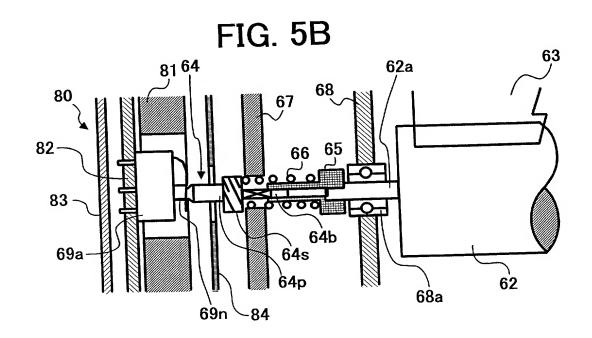


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OBLON, SPIVAK, ET AL DOCKET #: 217822US-2 INV: TETSUO YAMANAKA ET AL SHEET <u>5</u> OF <u>22</u>

FIG. 5A

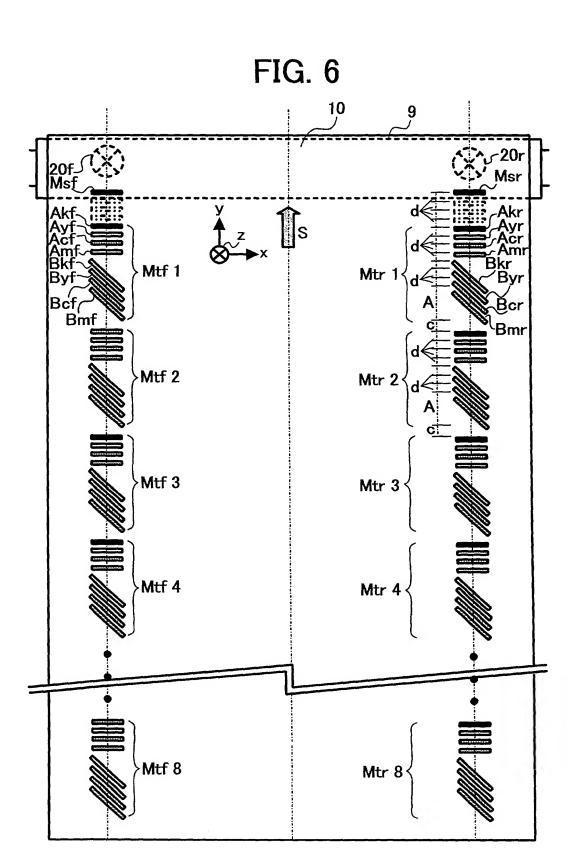




OBLON, SPIVAK, ET AL DOCKET #: 217822US-2

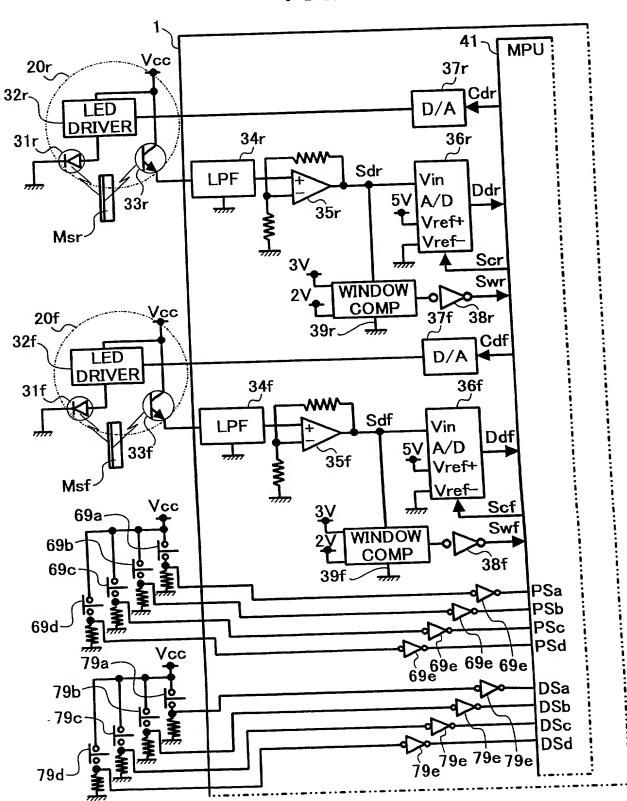
INV: TETSUO YAMANAKA ET AL

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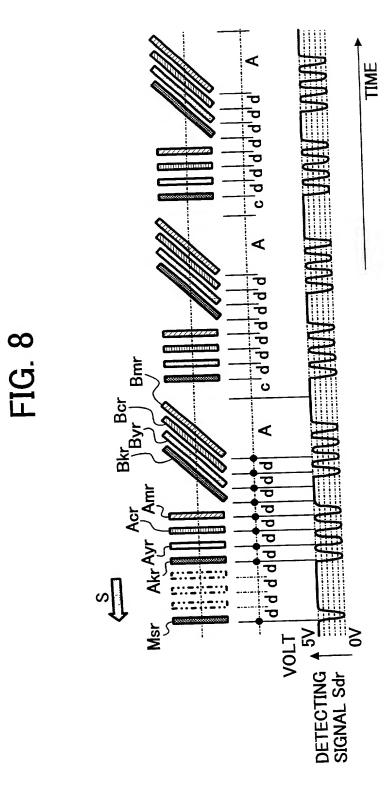


OBLON, SPIVAK, ET AL DOCKET #: 217822US-2 INV: TETSUO YAMANAKA ET AL SHEET 7_ OF_22_

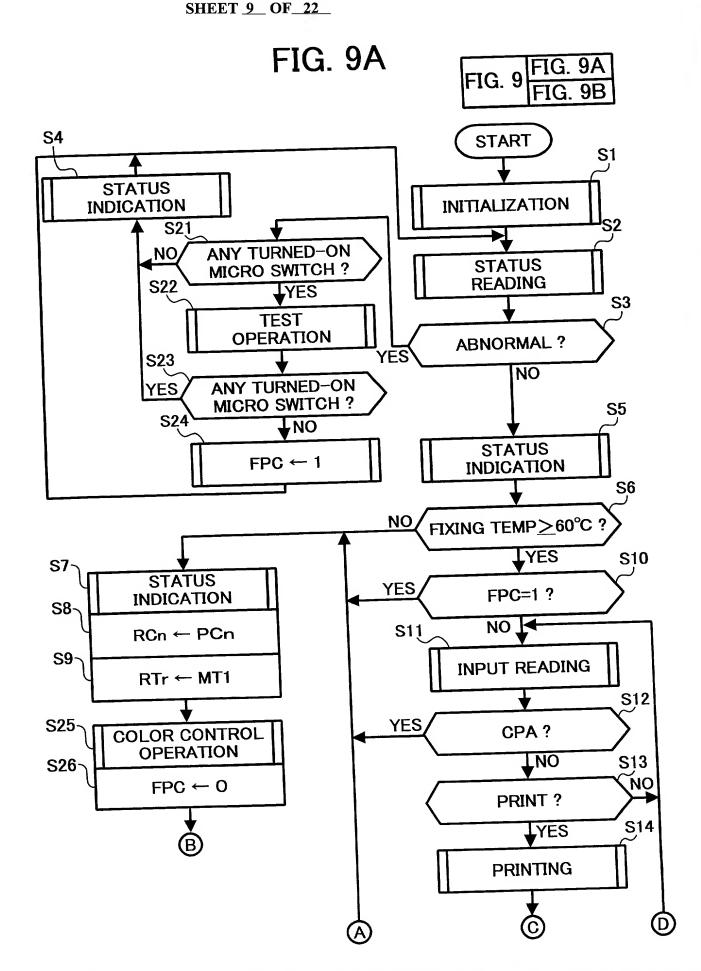
FIG. 7



OBLON, SPIVAK, ET AL DOCKET #: 217822US-2 INV: TETSUO YAMANAKA ET AL SHEET <u>8</u> OF <u>22</u>

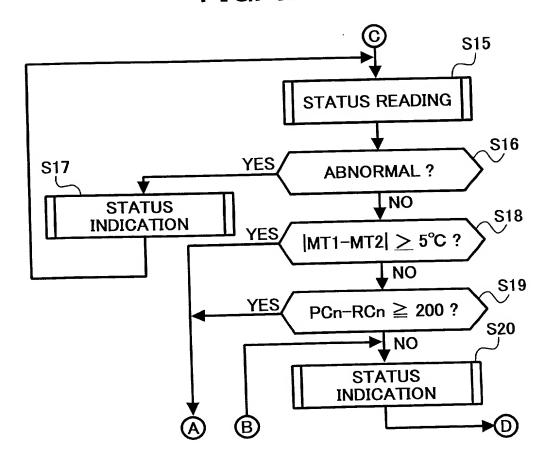


OBLON, SPIVAK, ET AL DOCKET #: 217822US-2 INV: TETSUO YAMANAKA ET AL



OBLON, SPIVAK, ET AL DOCKET #: 217822US-2 INV: TETSUO YAMANAKA ET AL SHEET <u>10</u> OF <u>22</u>

FIG. 9B



OBLON, SPIVAK, EŢ AL DOCKET #: 217822úS-2 ʿ INV: TETSUO YAMANAKA ET AL SHEET 11 OF 22

FIG. 10A

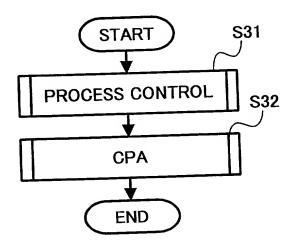
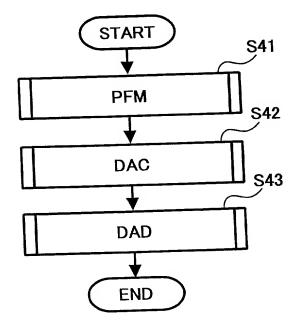


FIG. 10B

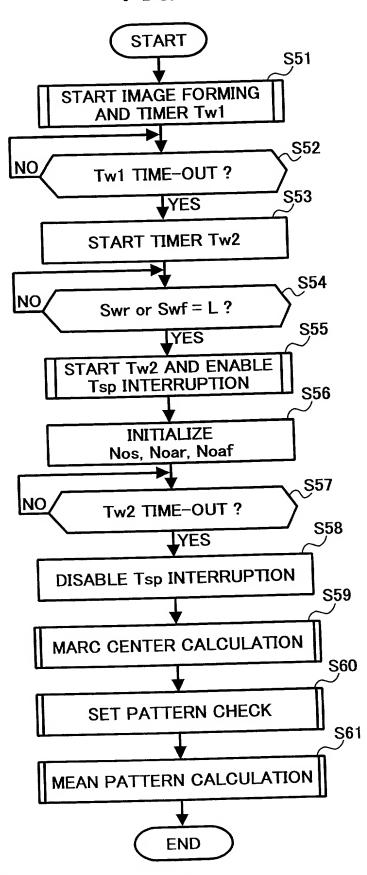


OBLON, SPIVAK, ET AL DOCKET #: 217822US-2

INV: TETSUO YAMANAKA ET AL

SHEET <u>12</u> OF <u>22</u>

FIG. 11



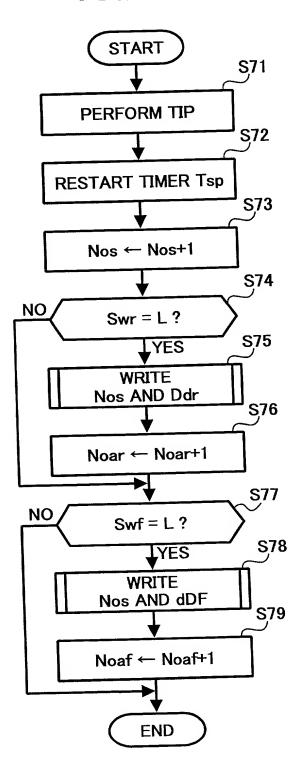
OBLON, SPIVAK, ET AL DOCKET #: 217822US-2 INV: TETSUO YAMANAKA ET AL SHEET 13 OF 22

TIME 37 ---2V ---8 \$ 5 Sdr

FIG. 12

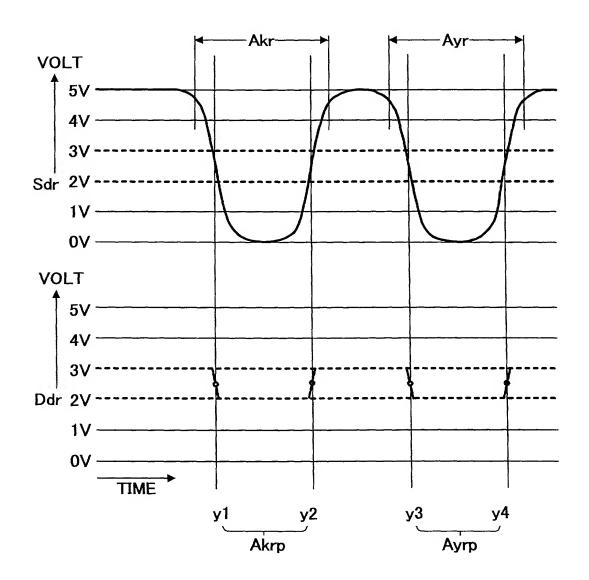
OBLON, SPIVAK, ET AL DOCKET #: 217822US-2 INV: TETSUO YAMANAKA ET AL SHEET 14 OF 22

FIG. 13



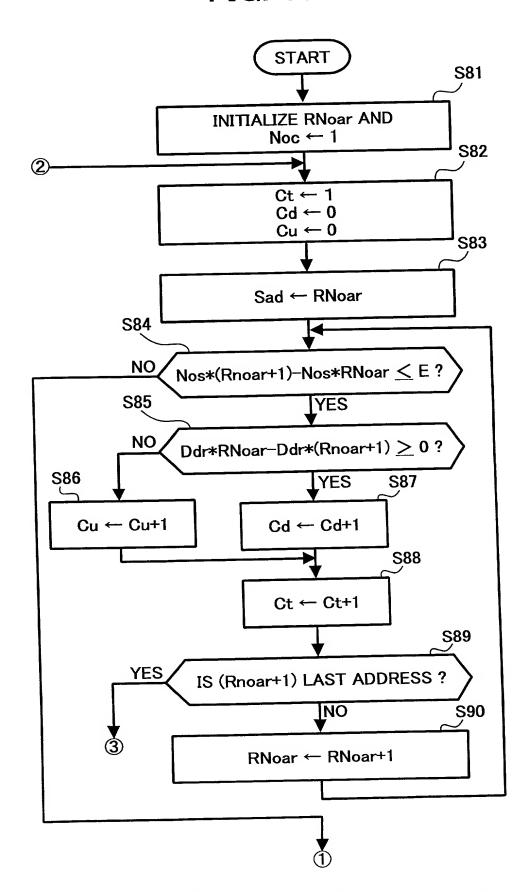
OBLON, SPIVAK, ET·AL DOCKET #: 217822US-2 INV: TETSUO YAMANAKA ET AL SHEET <u>15</u> OF <u>22</u>

FIG. 14



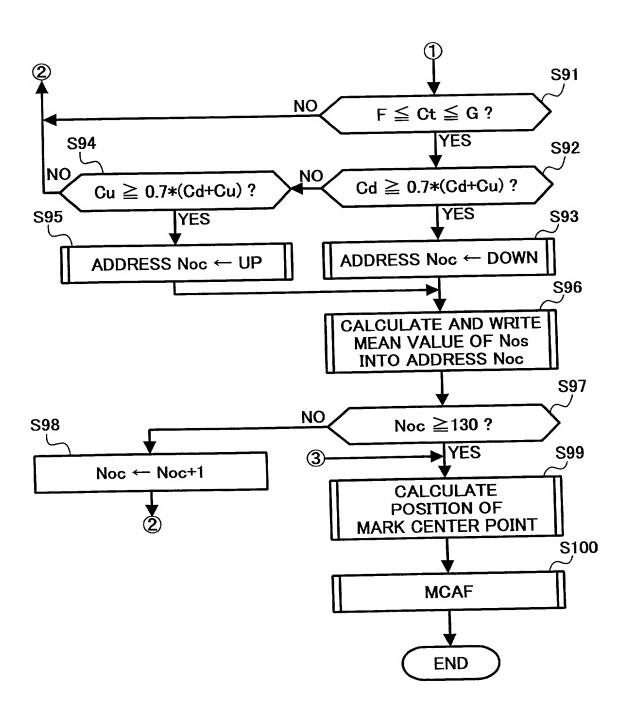
OBLON, SPIVAK, ET AL DOCKET #: 217822US-2 INV: TETSUO YAMANAKA ET AL SHEET <u>16</u> OF <u>22</u>

FIG. 15A



OBLON, SPIVAK, ET AL DOCKET #: 217822US-2 INV: TETSUO YAMANAKA ET AL SHEET <u>17</u> OF <u>22</u>

FIG. 15B

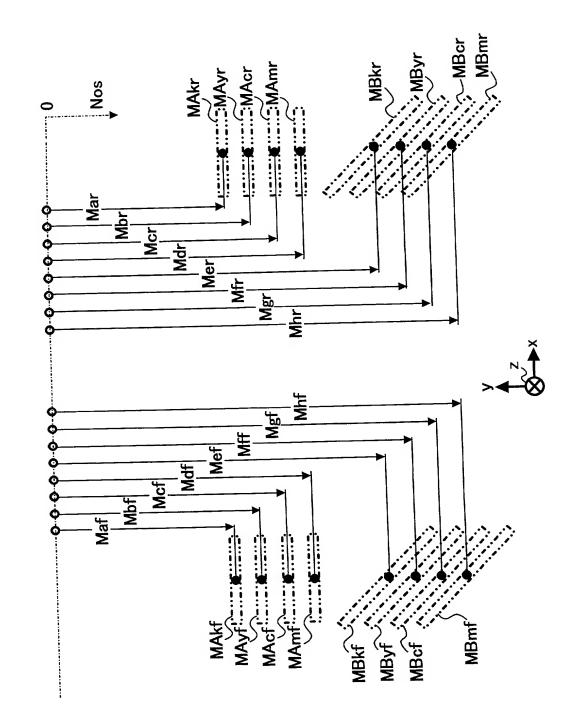


OBLON, SPIVAK, ET AL DOCKET #: 217822US-2

INV: TETSUO YAMANAKA ET AL

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FIG. 16



OBLON, SPIVAK, ET AL DOCKET #: 217822US-2

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FIG. 17

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Ack-

BK COLOR DISPLACEMENT CALCULATION

- 1. MAIN SCANNING DISPLACEMENT dxk
- 2. SKEW dSqk
- 3. MAIN SCANNING LINE LENGTH DISPLACEMENT dLxk

Acy-

Y COLOR DISPLACEMENT CALCULATION

- 1. SUB-SCANNING DISPLACEMENT dyy
- 2. MAIN SCANNING DISPLACEMENT dxy
- 3. SKEW dSqy
- 4. MAIN SCANNING LINE LENGTH DISPLACEMENT dLxy

Acc.

C COLOR DISPLACEMENT CALCULATION

- 1. SUB-SCANNING DISPLACEMENT dyc
- 2. MAIN SCANNING DISPLACEMENT dxc
- 3. SKEW dSqc
- 4. MAIN SCANNING LINE LENGTH DISPLACEMENT dLxc

Acm

M COLOR DISPLACEMENT CALCULATION

- 1. SUB-SCANNING DISPLACEMENT dym
- 2. MAIN SCANNING DISPLACEMENT dxm
- 3. SKEW dSqm
- 4. MAIN SCANNING LINE LENGTH DISPLACEMENT dLxm

OBLON, SPIVAK, ET AL DOCKET #: 217822US-2 INV: TETSUO YAMANAKA ET AL SHEET <u>20</u> OF <u>22</u>

FIG. 18

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Adk-

BK COLOR DISPLACEMENT ADJUSTMENT

- 1. MAIN SCANNING DISPLACEMENT dxk
- 2. SKEW dSqk
- 3. MAIN SCANNING LINE LENGTH DISPLACEMENT dLxk

Ady-

Y COLOR DISPLACEMENT ADJUSTMENT

- 1. SUB-SCANNING DISPLACEMENT dyy
- 2. MAIN SCANNING DISPLACEMENT dxy
- 3. SKEW dSqy
- 4. MAIN SCANNING LINE LENGTH DISPLACEMENT dLxy

Adc-

C COLOR DISPLACEMENT ADJUSTMENT

- 1. SUB-SCANNING DISPLACEMENT dyc
- 2. MAIN SCANNING DISPLACEMENT dxc
- 3. SKEW dSqc
- 4. MAIN SCANNING LINE LENGTH DISPLACEMENT dLxc

Adm-

M COLOR DISPLACEMENT ADJUSTMENT

- 1. SUB-SCANNING DISPLACEMENT dym
- 2. MAIN SCANNING DISPLACEMENT dxm
- 3. SKEW dSqm
- 4. MAIN SCANNING LINE LENGTH DISPLACEMENT dLxm

OBLON, SPIVAK, ET AL DOCKET #: 217822US-2 INV: TETSUO YAMANAKA ET AL

SHEET 21 OF 22

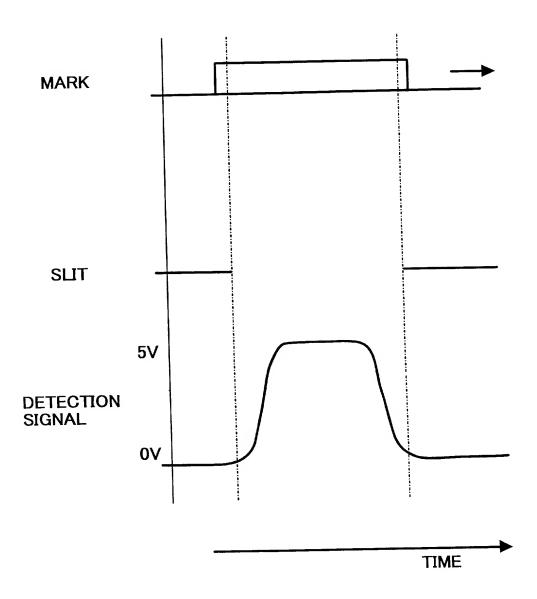
Mtr8 Mtr7 Mtr6 TRANSFER BELT LENGTH TRANSFER BELT LENGTH Mtr5 Mtr4 Mtr4 FIG. 20 FIG. 19 Mtr3 Mtr3 Mtr2 Mtr2 DRUM LENGTH DRUM LENGTH Mtr1 Mtr1 START MARK START MARK) **★ +**(±) DISPLACE-_ MENT DISPLACE- MENT

OBLON, SPIVAK, ET-AL DOCKET #: 217822US-2

INV: TETSUO YAMANAKA ET AL

SHEET 22 OF 22

FIG. 21



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